

Joe Kamibeppu

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EXPERIENCE

IBM

Staff Software Engineer

Software Engineer

Littleton, MA, USA

October 2018 - Present

September 2017 - October 2018

- Developed several back-end components for IBM Watson Visual Recognition, an IBM Cloud service which performs image recognition using custom machine learning models
- Owned and maintained Go microservices, refactoring continuously to employ best practices
- Wrote Kubernetes objects for each microservice, deploying them to public and private clouds
- Carried out wide range of software development phases, from API design to production deployment
- Improved CI/CD automation using Git and Jenkins, leading to faster development cycles
- Integrated testing tools into team's development workflow, enhancing unit/functional/load testing
- Implemented software mechanisms to comply with EU General Data Protection Regulation (GDPR)
- Mentored four graduate-level summer interns, guiding them through multi-month software projects

Tufts University

Teaching Assistant for Discrete Mathematics

Medford, MA, USA

September 2016 - December 2016

- Coached 100+ students on concepts and applications of discrete mathematics
- Hosted weekly office hours to review class topics and assignments with students
- Graded student assignments and provided detailed feedback

Bloomberg L.P.

Software Engineering Intern

Tokyo, Japan

June 2016 - August 2016

- Built Django application to visualize volume of executed trades in major financial markets
- Wrote programs in Python and C++ to automate market data processing
- Demonstrated final product in front of 30+ senior engineers and office executives

EDUCATION

Tufts University

Bachelor of Science (B.S.) in Computer Science

Medford, MA, USA

September 2013 - May 2017

- Member of Marathon Team
- Member of Japanese Culture Club

SKILLS

Programming Languages

Proficient: Go, Python

Familiar: C, C++

Technologies

Git, Docker, Kubernetes, Unix, Jenkins, PostgreSQL, Agile, S3, OpenShift, Ansible, LaTeX, ArcGIS, gRPC, IBM Cloud

Languages

Native: English, Japanese